

Title (en)
VISUAL MODELLING SYSTEM AND METHOD THEREOF

Title (de)
VISUAL MODELLING SYSTEM UND VERFAHREN

Title (fr)
SYSTÈME DE MODÉLISATION VISUELLE ET SON PROCÉDÉ

Publication
EP 3841511 B1 20230726 (EN)

Application
EP 18765563 A 20180820

Priority
EP 2018072458 W 20180820

Abstract (en)
[origin: WO2020038553A1] The present invention provides a visual modelling system operable for modelling the appearance of a scanned object on a structure (109). The visual modelling system relates via a mapping engine a first scan data set to positionally corresponding lighting elements (410) on the structure (109) as defined in a second dataset. An electronic lighting control system (420) energizes the addressable lighting elements (410) in accordance with the mapping engine relation between the first and second scan data sets to represent the scanned image on the structure. The visual modelling system comprises a structure scanning module (400) operable for generating the second scan data set by building a 3D virtual model of the structure (109) defining the location of the lighting elements and the order they are addressed by the electronic lighting control system.

IPC 8 full level
G06F 30/00 (2020.01)

CPC (source: EP)
G06F 30/00 (2020.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated validation state (EPC)
MA

DOCDB simple family (publication)
WO 2020038553 A1 20200227; AU 2018437297 A1 20210415; CA 3110123 A1 20200227; CN 112703501 A 20210423;
EP 3841511 A1 20210630; EP 3841511 B1 20230726; EP 3841511 C0 20230726; JP 2022508374 A 20220119; SG 11202101664U A 20210330;
ZA 202101682 B 20220727

DOCDB simple family (application)
EP 2018072458 W 20180820; AU 2018437297 A 20180820; CA 3110123 A 20180820; CN 201880097366 A 20180820;
EP 18765563 A 20180820; JP 2021534425 A 20180820; SG 11202101664U A 20180820; ZA 202101682 A 20210312